ATENT COOPERATION TREATY



## **PCT**

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

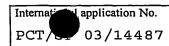
	<b>(</b>		<u> </u>		
Applicant's or agent's file reference 2003034	FOR FURTHER AC	rion	See Form PCT/IPEA/416		
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)		
PCT/JP2003/014487	13 November 200	3 (13.11.2003)	20 November 2002 (20.11.2002)		
International Patent Classification (IPC) or national classification and IPC F02M 35/10					
Applicant AICHI KIKAI KOGYO KABUSHIKI KAISYA					
This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.					
2. This REPORT consists of a total of4 sheets, including this cover sheet.					
This report is also accompanied by ANNEXES, comprising:  a (sent to the applicant and to the International Bureau) a total of sheets, as follows:					
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).					
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.					
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))  , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).					
4. This report contains indications relating to the following items:					
Box No. I Basis of the report					
Box No. II Priority					
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
Box No. IV Lack of unity of invention					
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
Box No. VI Certain documents cited					
Box No. VII Certain defects in the international application					
Box No. VIII Certain observations on the international application					
Date of submission of the demand		Date of completion	of completion of this report		
11 June 2004 (11.06.2004)		14	4 October 2004 (14.10.2004)		
Name and mailing address of the IPEA/JP		Authorized officer			
Facsimile No.		Telephone No.			

**Translation** 



Box No. I Basis of the report 1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item. This report is based on translations from the original language into the following language \_ which is language of a translation furnished for the purpose of: international search (under Rules 12.3 and 23.1(b)) publication of the international application (under Rule 12.4) international preliminary examination (under Rules 55.2 and/or 55.3) 2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report): The international application as originally filed/furnished the description: , as originally filed/furnished pages received by this Authority on pages\* received by this Authority on pages\* the claims: , as originally filed/furnished pages , as amended (together with any statement) under Article 19 pages\* received by this Authority on pages\* received by this Authority on pages\* the drawings: , as originally filed/furnished pages received by this Authority on pages\* received by this Authority on a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing. The amendments have resulted in the cancellation of: the description, pages the claims, Nos. \_ the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)). the description, pages \_\_\_ the claims, Nos. the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): If item 4 applies, some or all of those sheets may be marked "superseded."





V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1.	Statement			
	Novelty (N)	Claims	1-4	YES
		Claims		NO
	Inventive step (IS)	Claims	2, 3	YES
		Claims	1, 4	NO
	Industrial applicability (IA)	Claims	1-4	YES
		Claims		NO

## 2. Citations and explanations

Document 1: JP 59-043923 A (Yamaha Motor Co., Ltd.), 12

March 1984, entire text, fig. 1

Document 2: Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 050298/1986 (Laid-open No. 160770/1987), (Mazda Motor Corp.), 13 October 1987, page 3, lines 14 to 15 and fig. 1

## Claims 1 and 4

Document 1 discloses a suction device wherein the flat portion on the lower surface of the plenum chamber at the upstream ends of the branching tubes is temporarily fixed to the upper surface portion of the cylinder head while the flanges at the downstream ends of the branching tubes are fixed to the side surface of the cylinder head.

Document 2 discloses a configuration wherein it is possible to temporarily attach the downstream ends of the branching tubes to the side surface of the cylinder head.

Consequently, it would be easy for a person skilled in the art to configure the invention that is set forth in claims 1 and 4 by applying the feature of temporarily attaching the branching tubes, as disclosed in document 2, in the suction device that is disclosed in document 1.

Therefore, the invention that is set forth in claims 1 and 4 does not involve an inventive step.

Claims 2 and 3

The invention that is set forth in claims 2 and 3 involves an inventive step in relation to the documents that are cited in the international search report.